

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

5/18/12

Benjamin Megrian
Assistant District Attorney
Suffolk County

Dear ADA Megrian:

Enclosed is the analytical information you requested in regards to laboratory certificate numbers
[REDACTED] Included are copies of the following:

- 1) Laboratory Drug Receipts
- 2) Laboratory Control Cards with chemists' hand notations
- 3) Analysis Reporting Forms with chemist's hand notations for samples [REDACTED]
[REDACTED]
- 4) Gas Chromatograph (GC) analytical data for sample [REDACTED]
- 5) Gas Chromatograph/Mass Spectrometer (GC/MS) analytical data for samples [REDACTED]
[REDACTED]

All preliminary tests on samples [REDACTED] were performed by Daniel Renczkowski and the GC/MS analyses of these items were performed by Kate Corbett. All testing on samples [REDACTED] were performed by Daniel Renczkowski.

If you have any questions about this material, please call the laboratory at 617-983-6622.

Sincerely,

A handwritten signature in black ink that appears to read "Daniel Renczkowski".

Daniel Renczkowski
Chemist II
DPH Forensic Drug Analysis Laboratory

cc: KAC



DRUG RECEIPT

CC # _____
BOOK # _____
PAGE # _____

DESTRUCTION # _____

District/Unit E-13/DCU

Name & Rank of Arresting Officer P.O. FRANK Colon ID# 9347

To be completed by ECU personnel only.

Name and Rank of Submitting Officer John Doe, Major ID# 12345

Received by _____ Date 12-22-11

ECU Control # _____



DRUG RECEIPT

CC # _____

BOOK #

PAGE # XXXXXXXXXX

DESTRUCTION # _____

District/Unit E-13/DCU

Name & Rank of Arresting Officer P.O. Frank Colon ID# 9347

To be completed by ECU personnel only

Name and Rank of Submitting Officer P-0 Tracy McHale ID# 11213

Received by LLD Date 12-32-11

ECU Control #

No. [REDACTED] Date Analyzed: 1/30/12
City: Boston D.C.U. Police Dept.
Officer: P.O. TRACY MCHALE
Def: [REDACTED]
Amount: [REDACTED] Subst: SUB
No. Cont: 2 Cont: pb
Date Rec'd: 12/22/2011 No. Analyzed: 1
Gross Wt.: 2.43 ✓ Net Weight: 0.18g
Tests: 7 DSR
• 26AC
Prelim: Cocaine Findings: Cocaine
(K)

No. [REDACTED] Date Analyzed: 1/30/12
City: Boston D.C.U. Police Dept.
Officer: P.O. TRACY MCHALE
Def: [REDACTED]
Amount: [REDACTED] Subst: SUB
No. Cont: 4 Cont: pb
Date Rec'd: 12/22/2011 No. Analyzed: 1
Gross Wt.: 15.31 ✓ Net Weight: 2.77g
Tests: 7 DSR
• 26AC
Prelim: Cocaine Findings: Cocaine
(K)

No. [REDACTED] Date Analyzed: 1/30/12
City: Boston D.C.U. Police Dept.
Officer: P.O. TRACY MCHALE
Def: [REDACTED]
Amount: [REDACTED] Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 12/22/2011 No. Analyzed:
Gross Wt.: 66.56 ✓ Net Weight:
Tests: 13 DSR
• 4KA/C
Prelim: Unknown Findings: Negative

No. [REDACTED]

Date Analyzed: 2-6-12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: [REDACTED]

Amount:

Subst: VM

No. Cont: 1 Cont: pb

Date Rec'd: 12/22/2011

No. Analyzed:

Gross Wt.: 8.04

Net Weight:

Submitted with [REDACTED]

Tests: 0 DJR

Prelim:

Findings: Not Tested

No. [REDACTED]

Date Analyzed: 2-6-12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: [REDACTED]

Amount:

Subst: VM

No. Cont: 1 Cont: pb

Date Rec'd: 12/22/2011

No. Analyzed:

Gross Wt.: 4.85

Net Weight:

Submitted with [REDACTED]

Tests: 0 DJR

Prelim:

Findings: Not Tested

No. [REDACTED]

Date Analyzed: 2-6-12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: [REDACTED]

Amount:

Subst: VM

No. Cont: 4 Cont: pb

Date Rec'd: 12/22/2011

No. Analyzed:

Gross Wt.: 137.93

Net Weight: 54.95g

GW= 119.04g

Tests: 7 DJR

Macro + Micro + Dug +

Prelim:

Findings:

Marijuana

$$\underline{\text{gross wt}} - \underline{\text{pkg wt}} = \underline{\text{net wt}}$$

$$\textcircled{1} \quad 30.05g - 2.55g = 27.50g$$

$$\textcircled{2} \quad 29.92g - 2.47g = 27.45g$$
$$\underline{+}$$
$$\underline{54.95g}$$

DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY BostonANALYST DSR

No. of samples tested: _____

Evidence Wt. OKPHYSICAL DESCRIPTION:

Gross Wt () : _____

Yellow waxy substance and offwhite waxy, beady substance in one clear evidence PB. Also submitted with an empty clear PB.

Gross Wt () : _____

Pkg. Wt: _____

Net Wt: 59.4237gPRELIMINARY TESTSSpot Tests

2 Cobalt Thiocyanate (++) —
2 Marquis —
2 Froehde's —
2 Mecke's —

Microcrystalline Tests

Gold Chloride —
TLTA () —

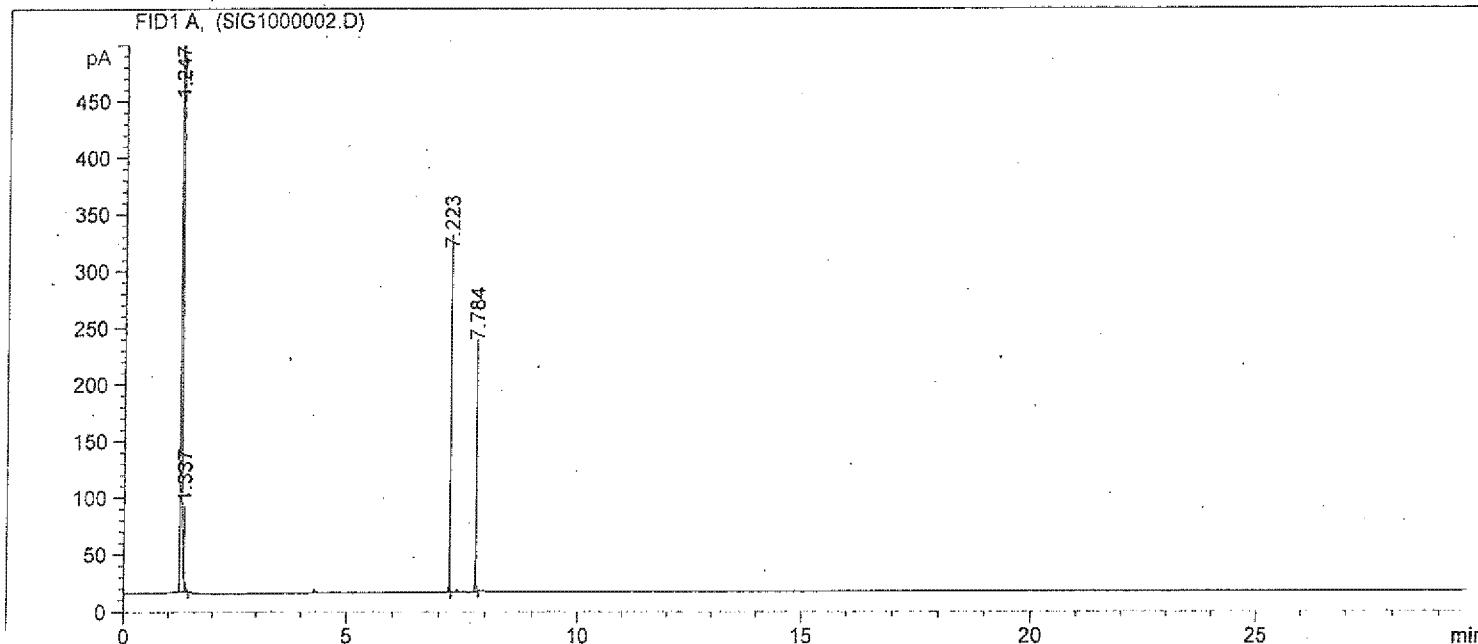
OTHER TESTS

2 Dill: () —
2 GC analysis () +

PRELIMINARY TEST RESULTSRESULTS UnknownDATE 1-21-12GC/MS CONFIRMATORY TESTRESULTS NegativeMS OPERATOR KACDATE 1-30-12

Sample Name: COCAINE/CODEINE

```
=====
Acq. Operator   :                               Seq. Line : 2
Acq. Instrument : Drug Lab GC#3           Location : Vial 2
Injection Date  : 1/21/2012 7:55:23 AM       Inj : 1
                                                Inj Volume : 1  $\mu$ l
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:42:02 PM
=====
```

=====

Area Percent Report

=====

```
Sorted By          : Retention Time
Multiplier:      : 1.0000
Dilution:        : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|----------|
| 1 | 1.247 | 1 | BB S | 8.13939e4 | 7.15875e4 | 99.42977 |
| 2 | 1.337 | 1 | BB X | 53.52231 | 63.17652 | 0.06538 |
| 3 | 7.223 | 1 | BB | 238.00304 | 298.14883 | 0.29074 |
| 4 | 7.784 | 1 | BB | 175.27112 | 216.50496 | 0.21411 |

Totals : 8.18607e4 7.21653e4

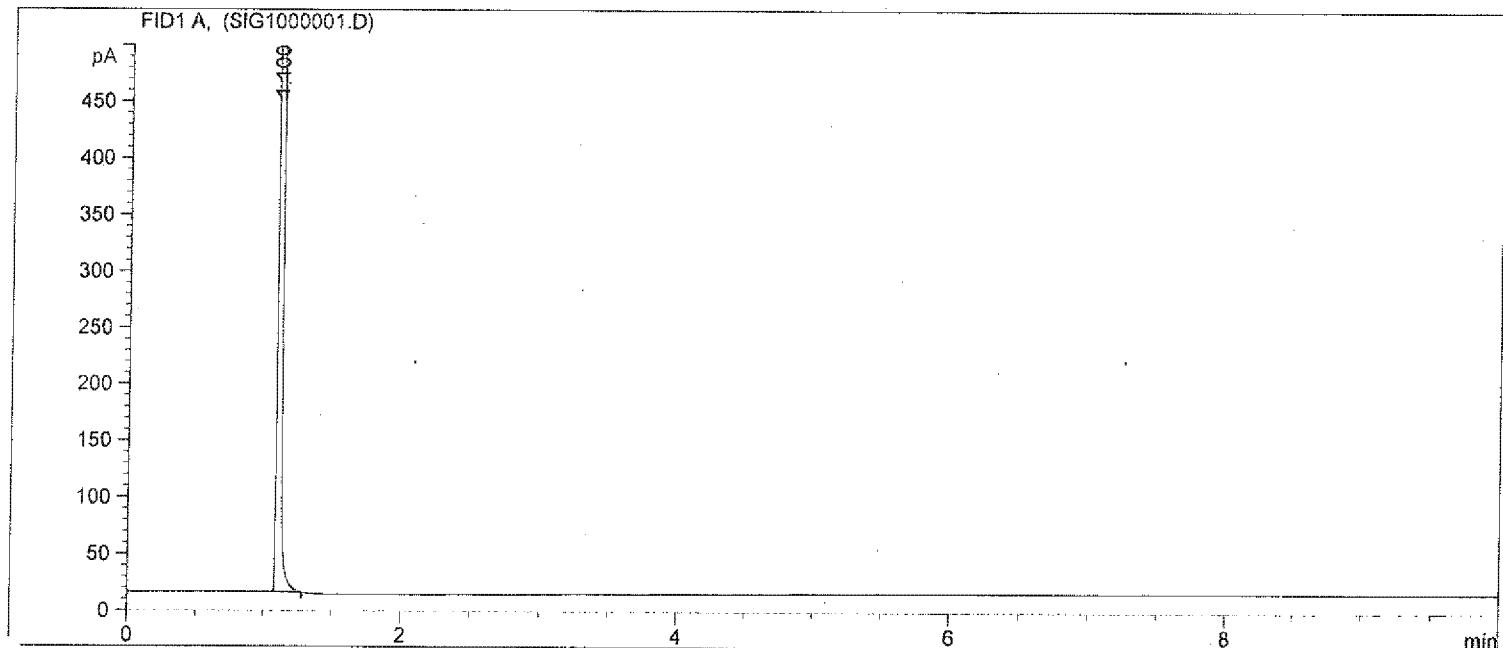
=====

*** End of Report ***

=====

Sample Name: BLANK

```
=====
Acq. Operator   :                               Seq. Line : 1
Acq. Instrument : Drug Lab GC#3           Location : Vial 1
Injection Date  : 1/21/2012 12:54:59 PM       Inj : 1
                                                Inj Volume : 1  $\mu$ l
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 8/3/2010 11:50:36 AM
=====
```



```
=====
Area Percent Report
=====
```

```
Sorted By          : Retention Time
Multiplier:      : 1.0000
Dilution:        : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

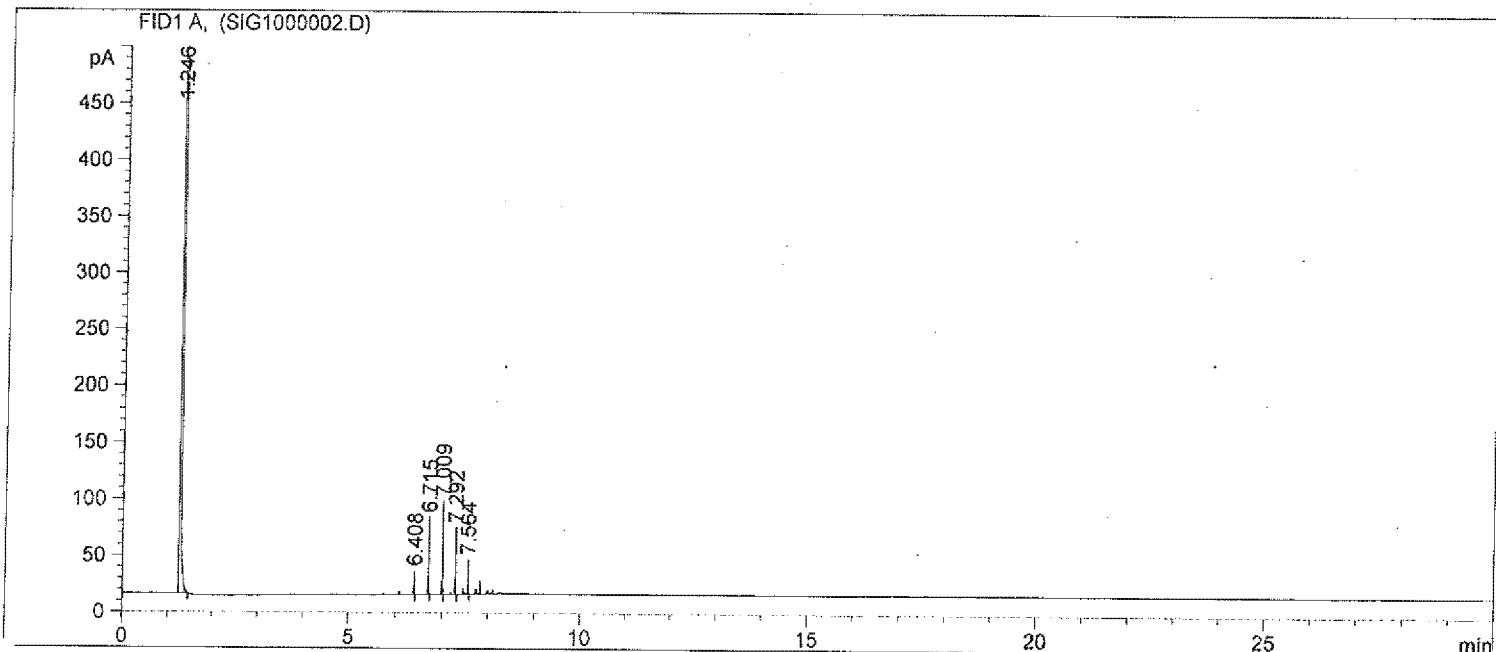
| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|---------|
| 1 | 1.100 | 1 | BB S | 7.41086e4 | 7.10398e4 | 1.000e2 |

Totals : 7.41086e4 7.10398e4

```
=====
*** End of Report ***
=====
```

Sample Name: B11-14713-1

```
=====
Acq. Operator   :                               Seq. Line : 2
Acq. Instrument : Drug Lab GC#3           Location  : Vial 4
Injection Date  : 1/21/2012 1:09:11 PM       Inj       : 1
                                                Inj Volume : 1 μl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:42:02 PM
=====
```



Area Percent Report

```
=====
Sorted By          :      Retention Time
Multiplier:       :      1.0000
Dilution:         :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: FID1 A,

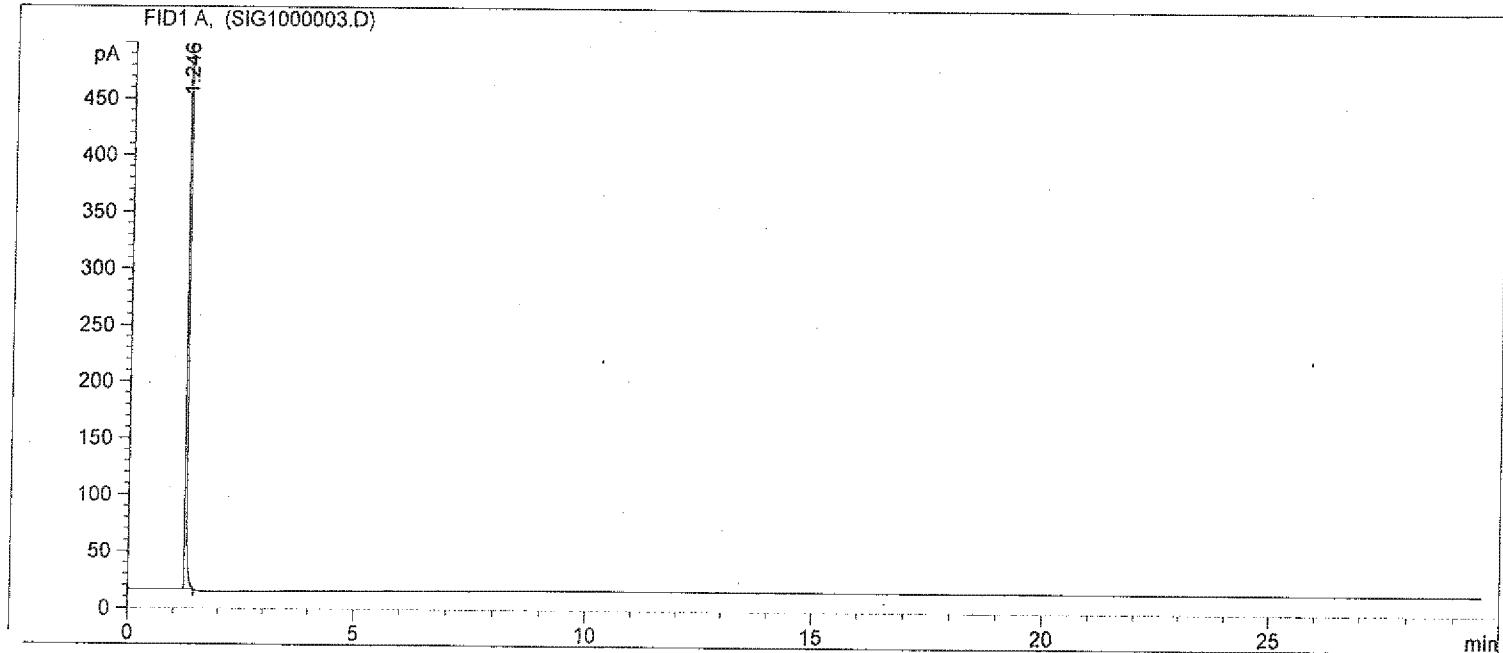
| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|----------|
| 1 | 1.246 | 1 | BB S | 8.34281e4 | 7.81570e4 | 99.76351 |
| 2 | 6.408 | 1 | BB | 15.62605 | 20.62785 | 0.01869 |
| 3 | 6.715 | 1 | BB | 50.58713 | 67.84473 | 0.06049 |
| 4 | 7.009 | 1 | BB | 63.08533 | 81.82526 | 0.07544 |
| 5 | 7.292 | 1 | BB | 44.29078 | 58.29098 | 0.05296 |
| 6 | 7.564 | 1 | BB | 24.17536 | 30.18651 | 0.02891 |

Totals : 8.36258e4 7.84157e4

*** End of Report ***

Sample Name: BLANK

```
=====
Acq. Operator   :                               Seq. Line : 3
Acq. Instrument : Drug Lab GC#3           Location : Vial 1
Injection Date  : 1/21/2012 1:43:33 PM       Inj : 1
                                                Inj Volume : 1  $\mu$ l
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:42:02 PM
=====
```

=====

Area Percent Report

=====

```
Sorted By          : Retention Time
Multiplier:       : 1.0000
Dilution:         : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|---------|
| 1 | 1.246 | 1 | BB S | 8.39088e4 | 8.28002e4 | 1.000e2 |

Totals : 8.39088e4 8.28003e4

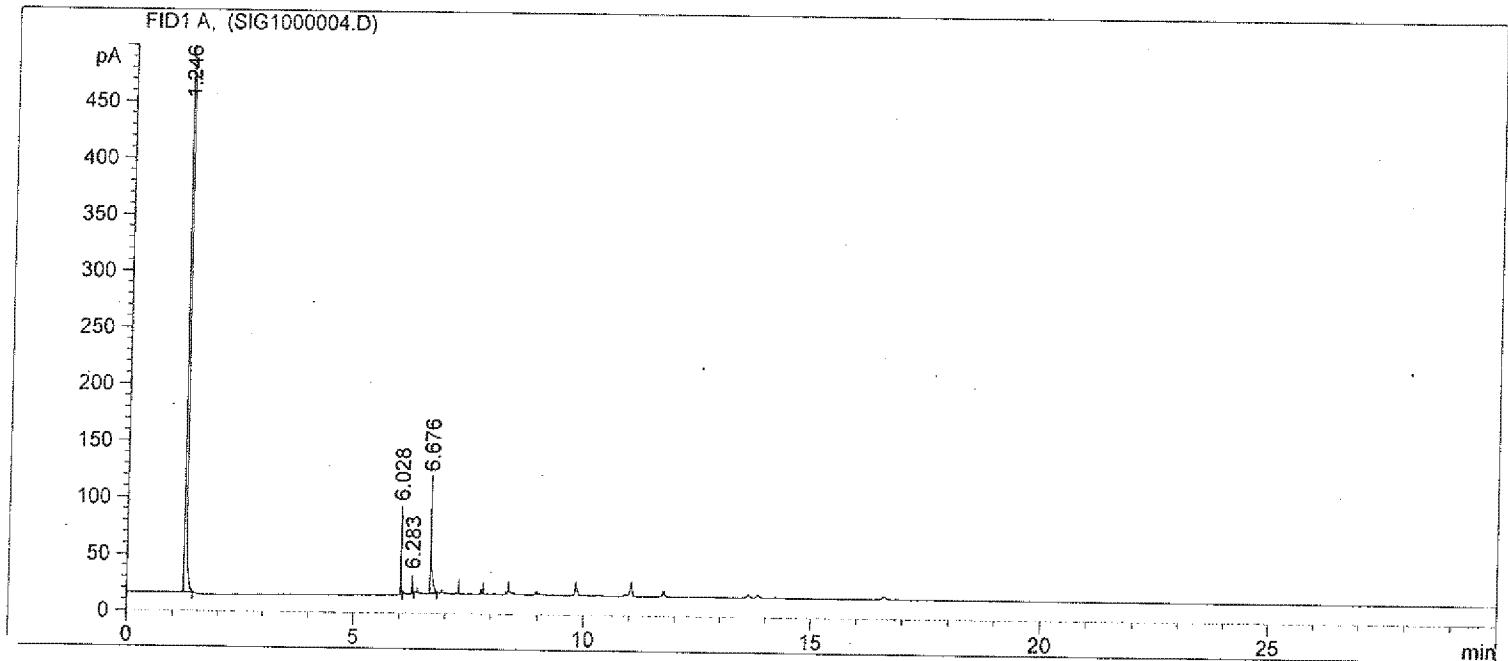
=====

*** End of Report ***

=====

Sample Name: B11-14713-2

```
=====
Acq. Operator   :                               Seq. Line : 4
Acq. Instrument : Drug Lab GC#3           Location : Vial 6
Injection Date  : 1/21/2012 2:18:03 PM       Inj : 1
                                                Inj Volume : 1  $\mu$ l
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:42:02 PM
=====
```



Area Percent Report

```
=====
Sorted By       : Retention Time
Multiplier:    : 1.0000
Dilution:      : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs
=====
```

Signal 1: FID1 A,

| Peak # | RetTime [min] | Sig | Type | Area [pA*s] | Height [pA] | Area % |
|--------|---------------|-----|------|-------------|-------------|----------|
| 1 | 1.246 | 1 | BB S | 8.28143e4 | 8.13382e4 | 99.71943 |
| 2 | 6.028 | 1 | BB | 66.24550 | 77.39823 | 0.07977 |
| 3 | 6.283 | 1 | BB | 16.47812 | 16.62928 | 0.01984 |
| 4 | 6.676 | 1 | BB | 150.27838 | 102.75301 | 0.18096 |

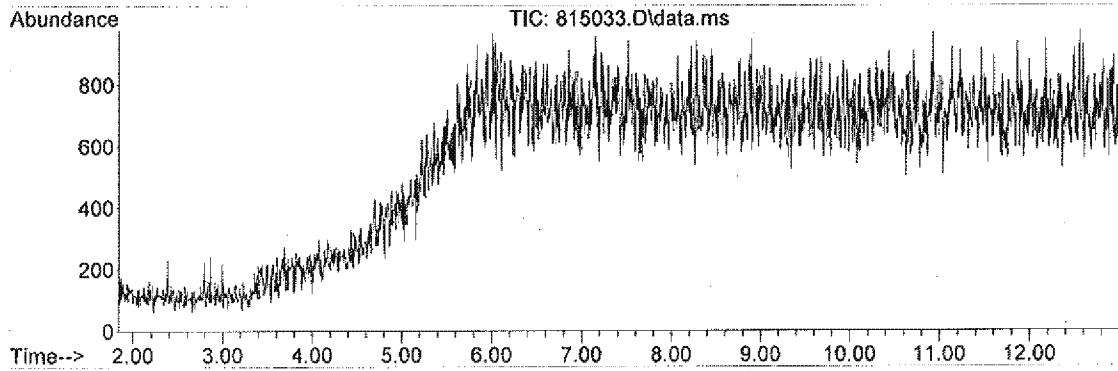
Totals : 8.30473e4 8.15349e4

*** End of Report ***

✓KAC
5/18/12

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815033.D
Operator : KAC
Date Acquired : 27 Jan 2012 00:37
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

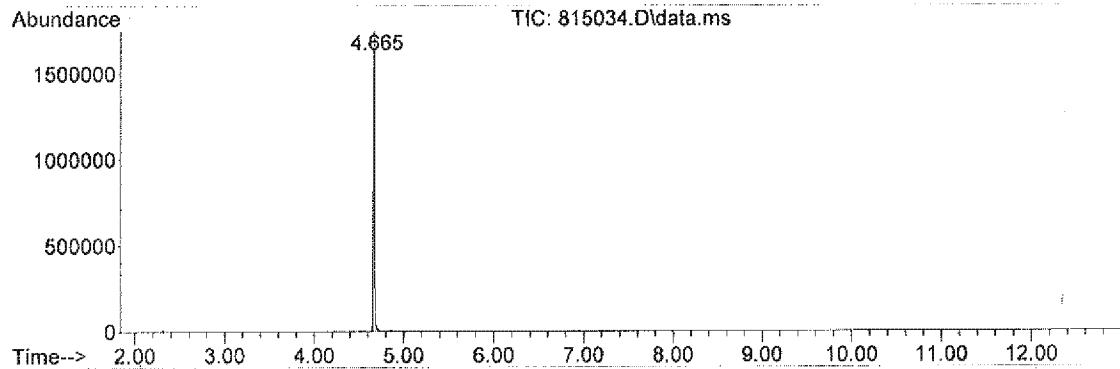


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815034.D
Operator : KAC
Date Acquired : 27 Jan 2012 00:53
Sample Name : COCAINE STD
Submitted by :
Vial Number : 34
AcquisitionMeth: DRUGS.M
Integrator : RTE



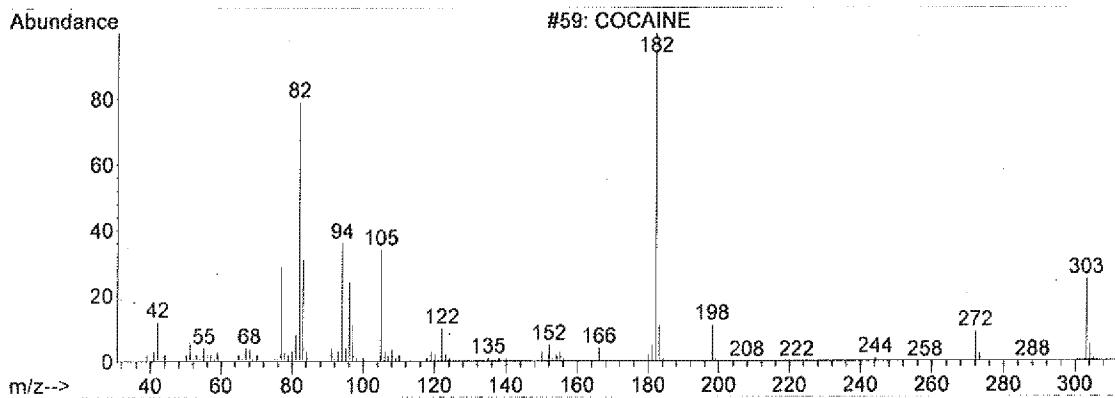
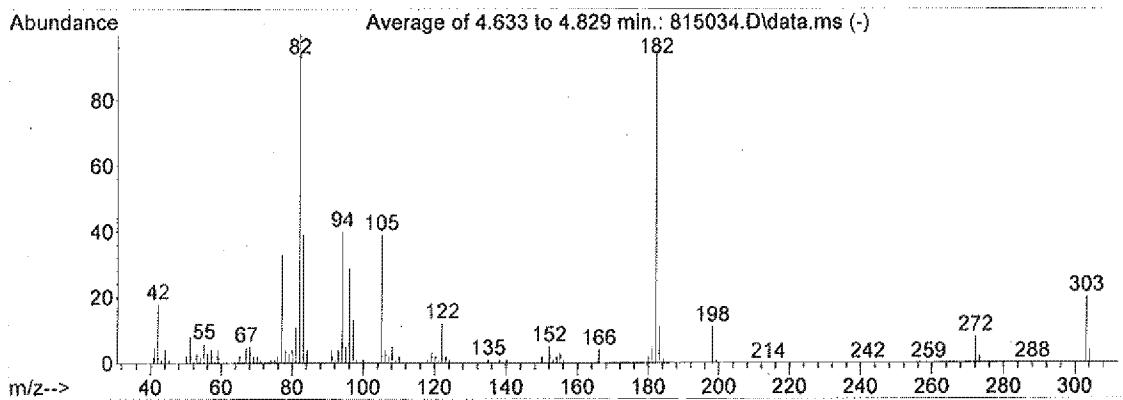
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.665 | 1776702 | 100.00 | 100.00 |

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815034.D
Operator : KAC
Date Acquired : 27 Jan 2012 00:53
Sample Name : COCAINE STD
Submitted by :
Vial Number : 34
AcquisitionMeth: DRUGS.M
Integrator : RTE

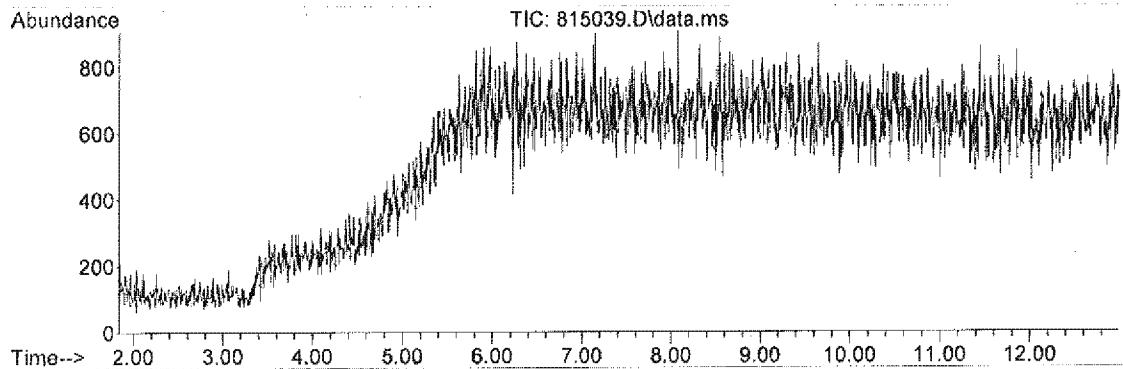
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 1 | 4.66 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815039.D
Operator : KAC
Date Acquired : 27 Jan 2012 2:10
Sample Name : BLANK
Submitted by : DJR
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

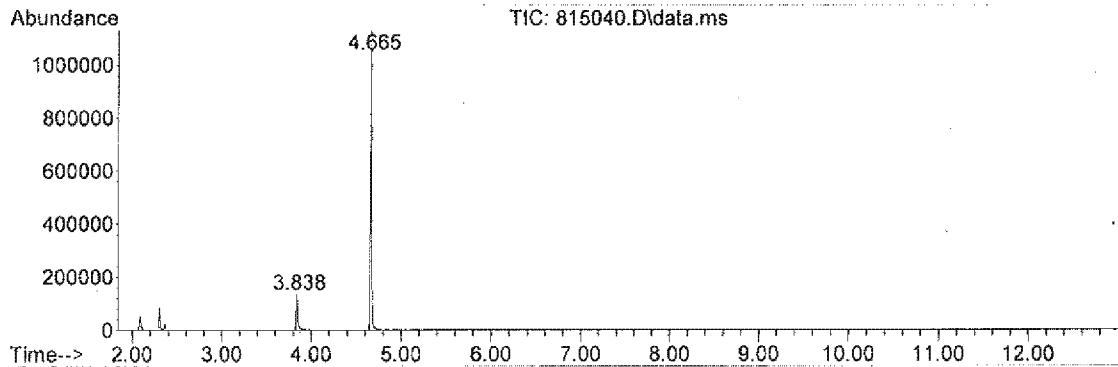


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815040.D
Operator : KAC
Date Acquired : 27 Jan 2012 2:26
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 40
AcquisitionMeth: DRUGS.M
Integrator : RTE



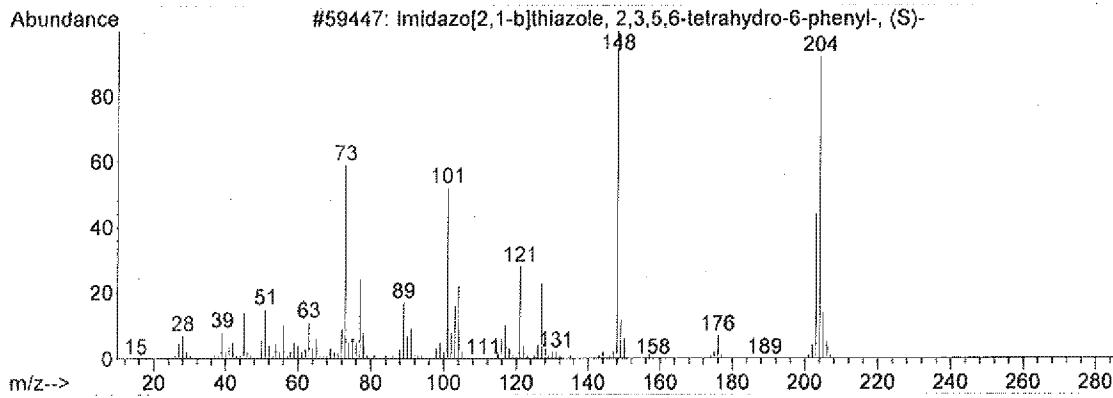
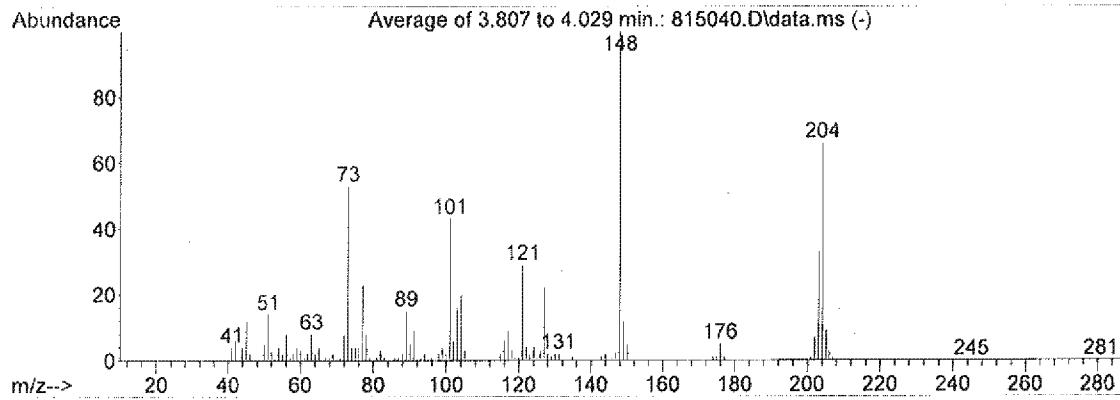
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 3.838 | 177208 | 14.72 | 17.26 |
| 4.665 | 1026567 | 85.28 | 100.00 |

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815040.D
Operator : KAC
Date Acquired : 27 Jan 2012 2:26
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 40
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 3.84 | C:\Database\NIST05a.L | | |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 014769-73-4 | 98 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 006649-23-6 | 98 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 006649-23-6 | 98 |

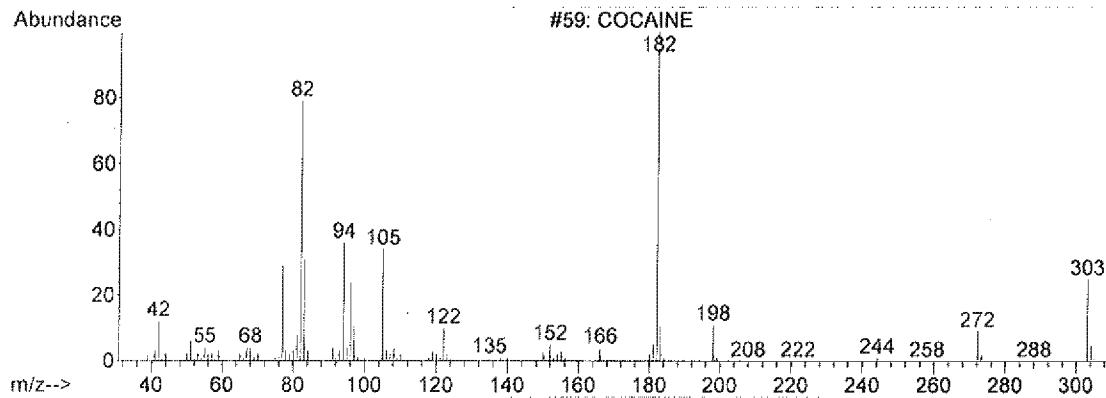
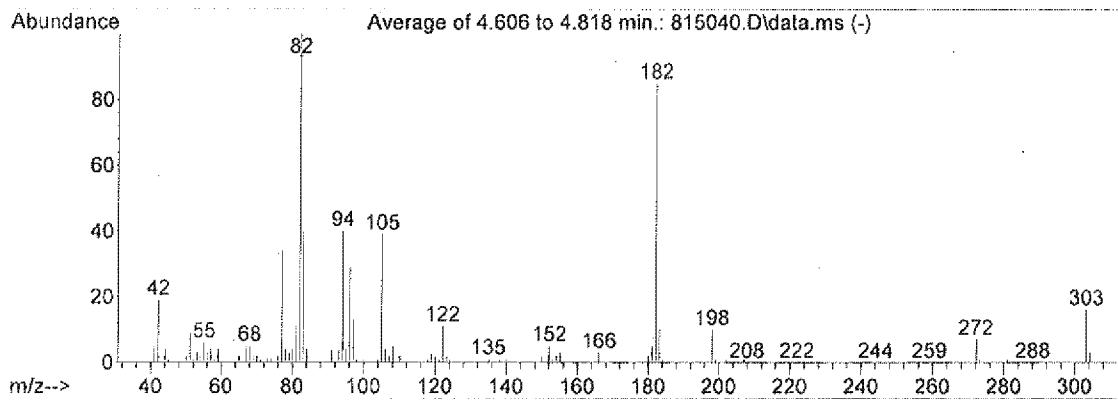


Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815040.D
Operator : KAC
Date Acquired : 27 Jan 2012 2:26
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 40
AcquisitionMeth: DRUGS.M
Integrator : RTE

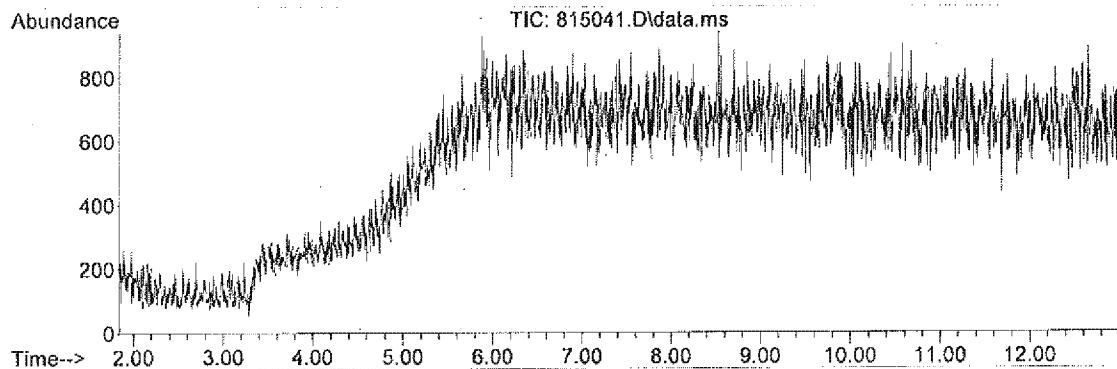
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 2 | 4.66 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815041.D
Operator : KAC
Date Acquired : 27 Jan 2012 2:41
Sample Name : BLANK
Submitted by : DJR
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

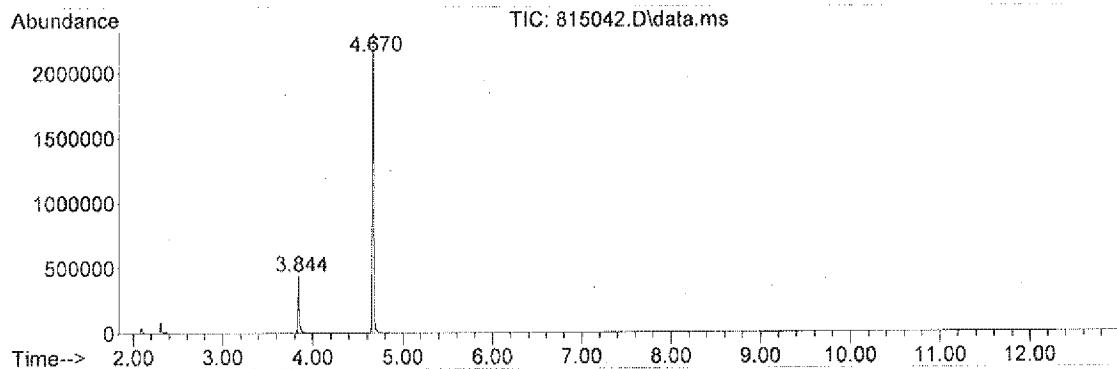


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815042.D
Operator : KAC
Date Acquired : 27 Jan 2012 2:57
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 42
AcquisitionMeth: DRUGS.M
Integrator : RTE



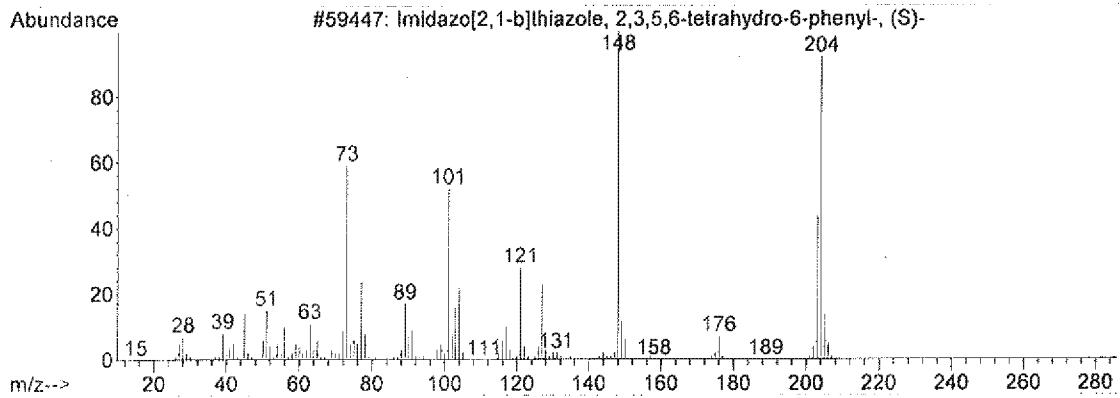
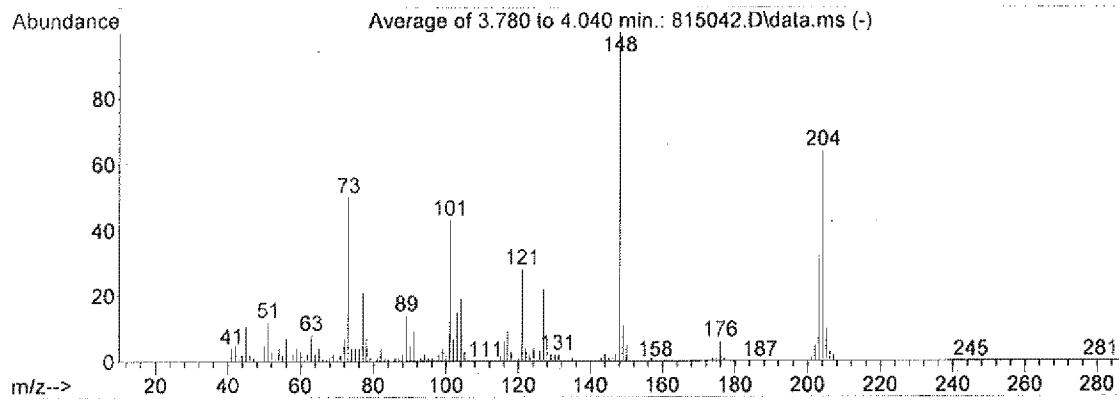
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 3.844 | 488508 | 16.05 | 19.12 |
| 4.670 | 2554873 | 83.95 | 100.00 |

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815042.D
Operator : KAC
Date Acquired : 27 Jan 2012 2:57
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 42
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 3.84 | C:\Database\NIST05a.L | | |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 014769-73-4 | 99 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 006649-23-6 | 98 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 014769-73-4 | 98 |

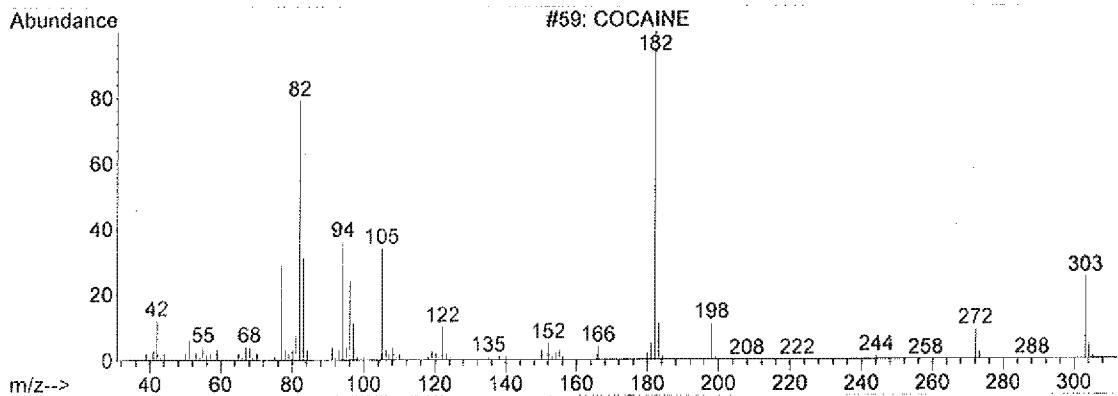
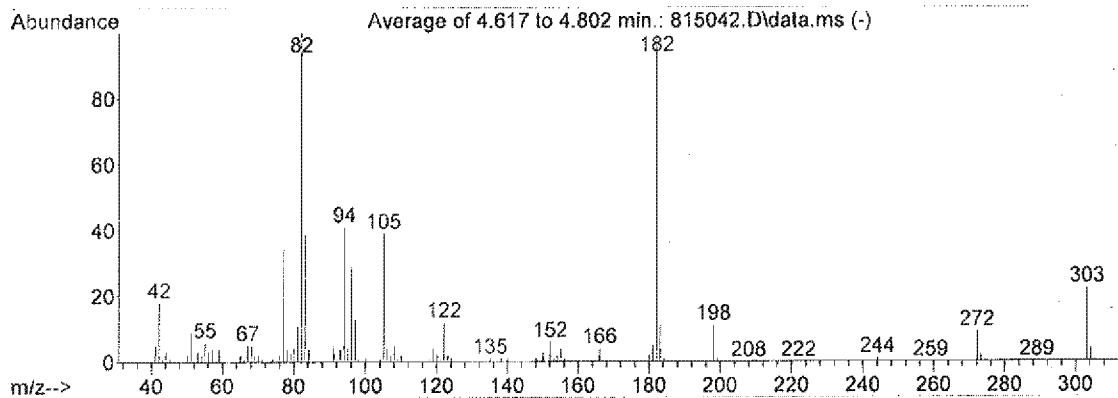


Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815042.D
Operator : KAC
Date Acquired : 27 Jan 2012 2:57
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 42
AcquisitionMeth: DRUGS.M
Integrator : RTE

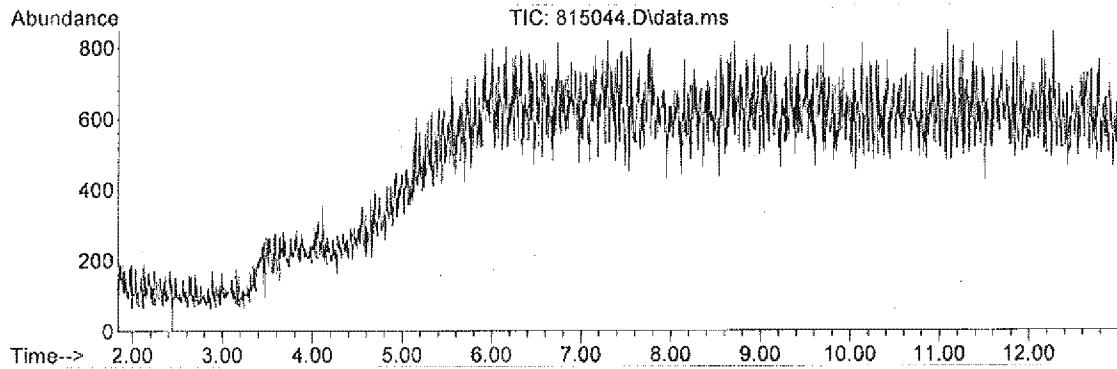
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 2 | 4.67 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815044.D
Operator : KAC
Date Acquired : 27 Jan 2012 3:28
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

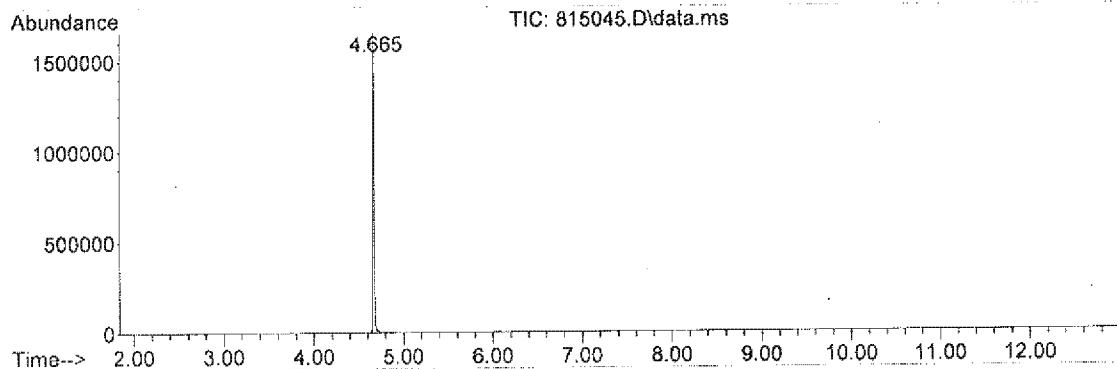


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815045.D
Operator : KAC
Date Acquired : 27 Jan 2012 3:43
Sample Name : COCAINE STD
Submitted by :
Vial Number : 45
AcquisitionMeth: DRUGS.M
Integrator : RTE



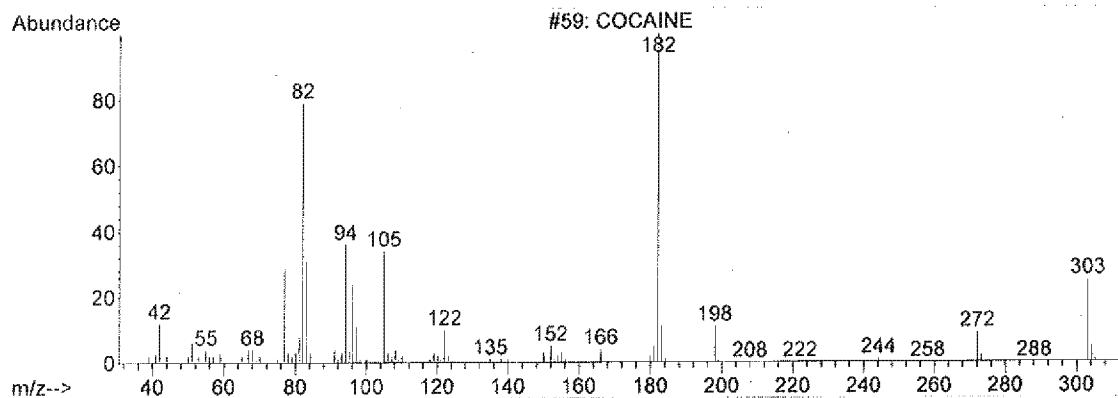
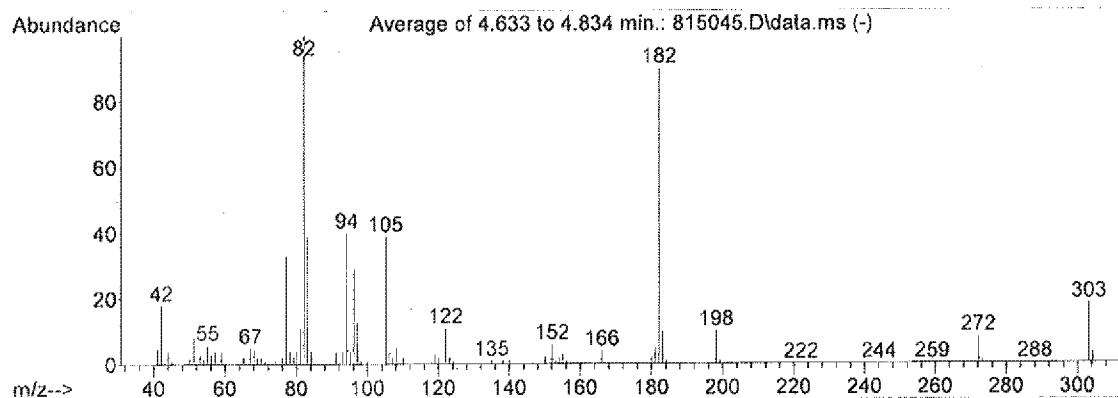
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.665 | 1575158 | 100.00 | 100.00 |

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815045.D
Operator : KAC
Date Acquired : 27 Jan 2012 3:43
Sample Name : COCAINE STD
Submitted by :
Vial Number : 45
AcquisitionMeth: DRUGS.M
Integrator : RTE

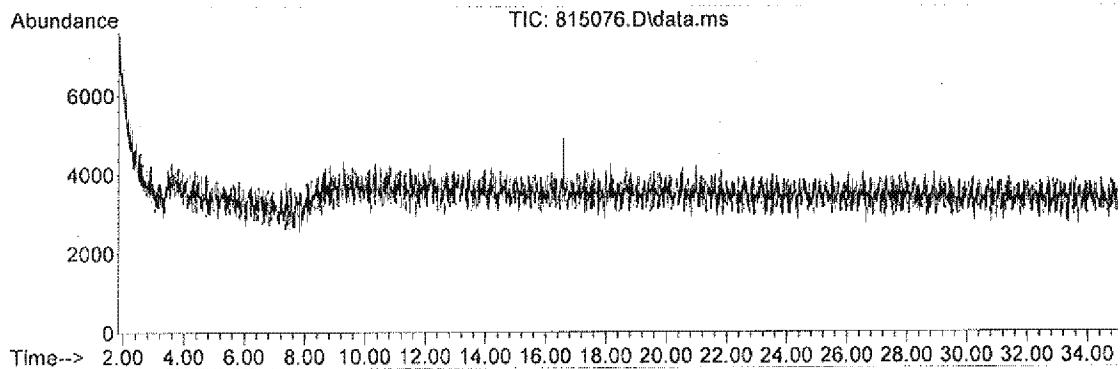
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 1 | 4.66 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815076.D
Operator : KAC
Date Acquired : 27 Jan 2012 19:14
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: SCREEN.M
Integrator : RTE

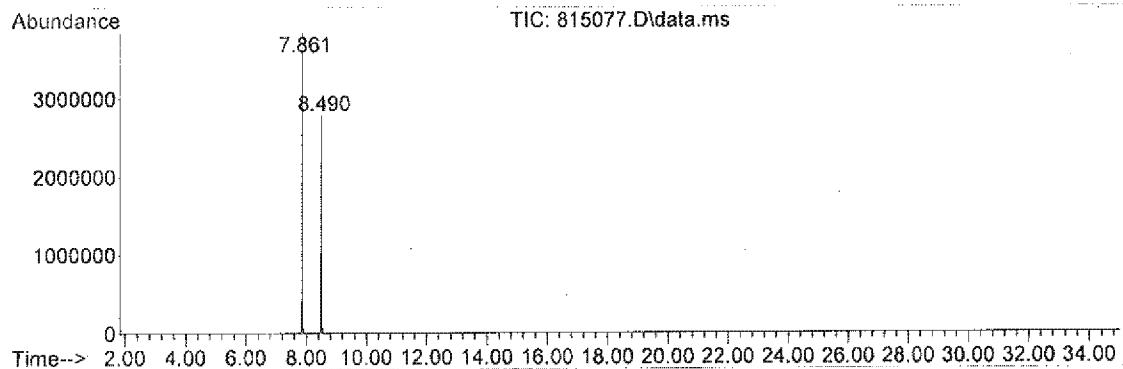


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815077.D
Operator : KAC
Date Acquired : 27 Jan 2012 19:53
Sample Name : QC MIX
Submitted by :
Vial Number : 3
AcquisitionMeth: SCREEN.M
Integrator : RTE



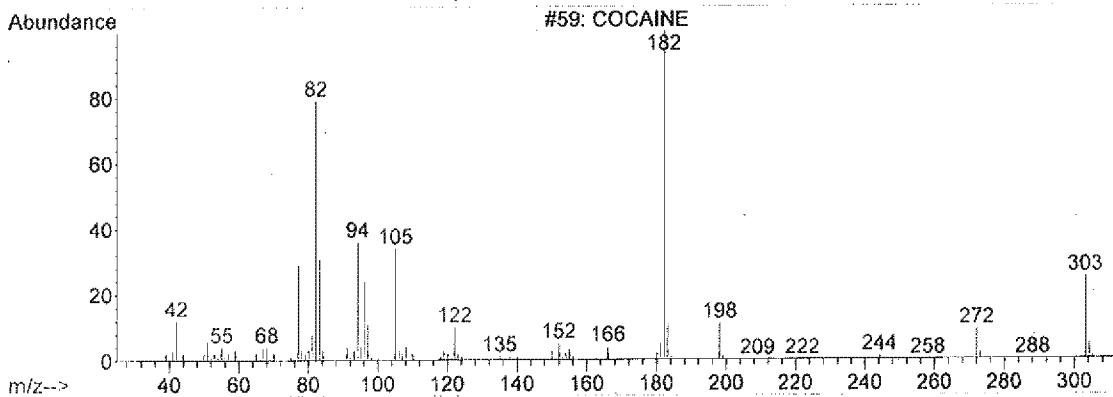
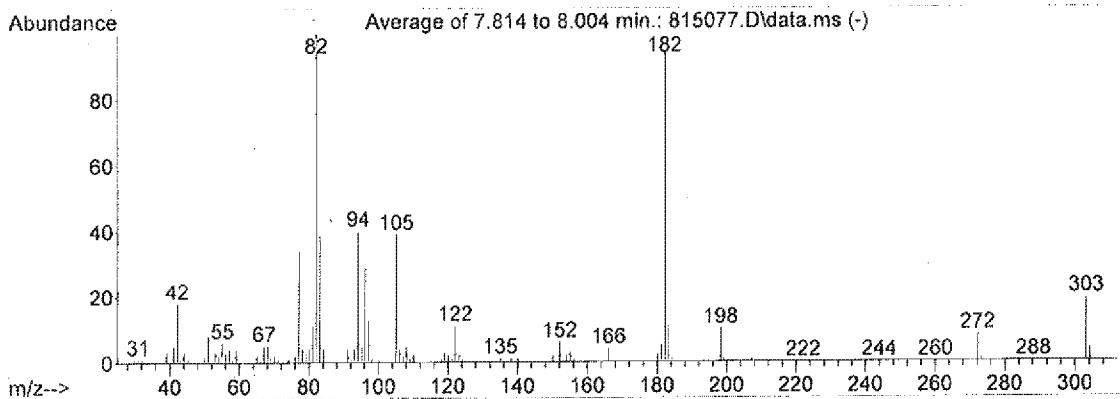
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 7.861 | 3558536 | 55.40 | 100.00 |
| 8.490 | 2865178 | 44.60 | 80.52 |

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815077.D
Operator : KAC
Date Acquired : 27 Jan 2012 19:53
Sample Name : QC MTX
Submitted by :
Vial Number : 3
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 1 | 7.86 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |

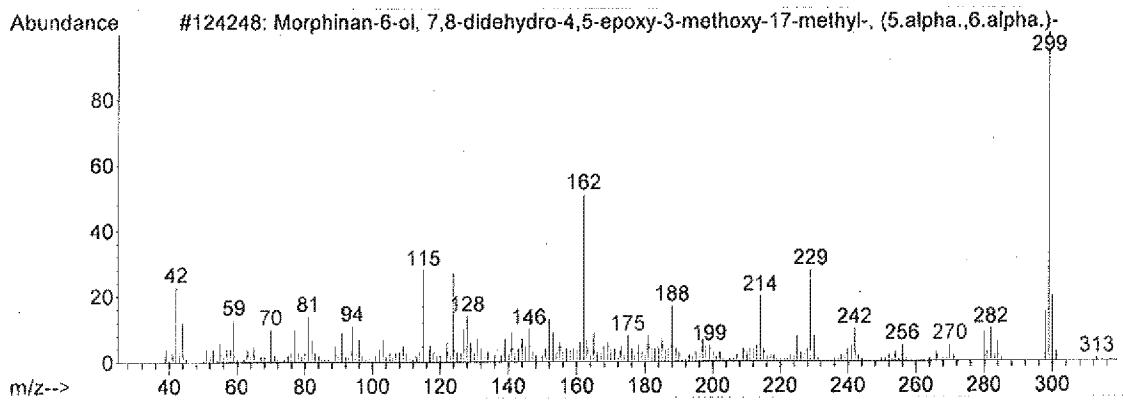
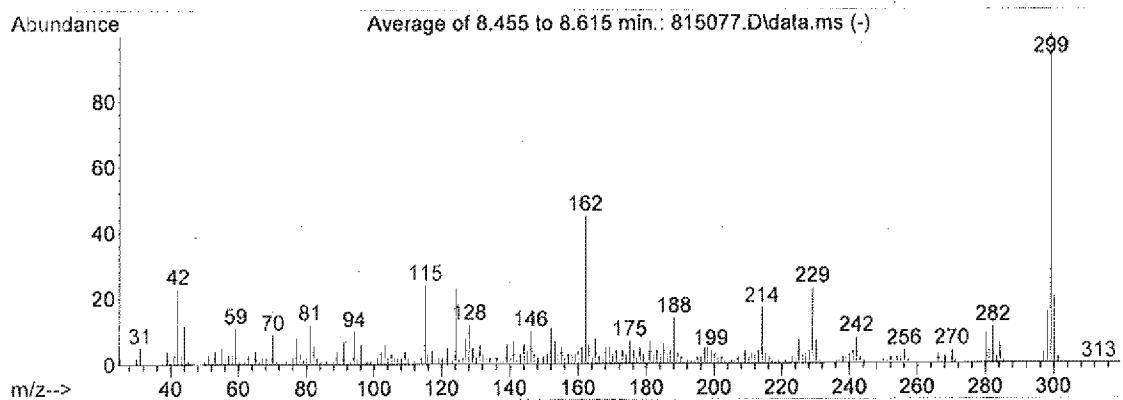


Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815077.D
Operator : KAC
Date Acquired : 27 Jan 2012 19:53
Sample Name : QC MIX
Submitted by :
Vial Number : 3
AcquisitionMeth: SCREEN.M
Integrator : RTE

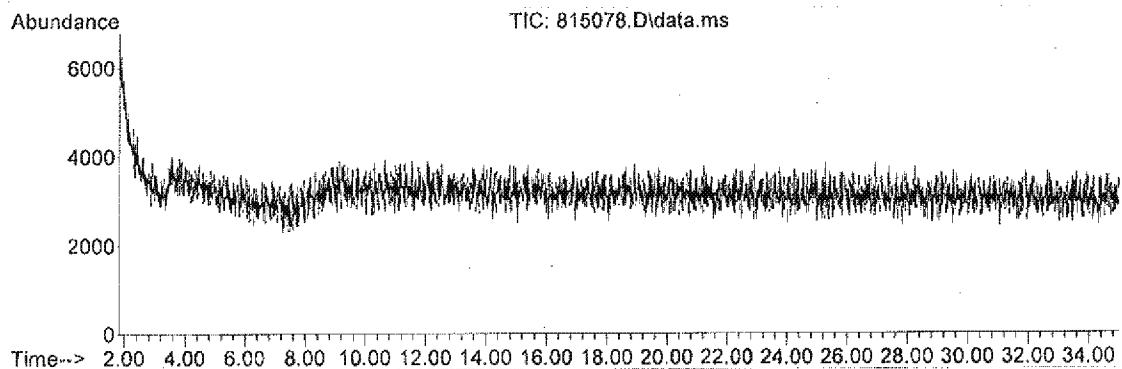
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 2 | 8.49 | C:\Database\NIST05a.L | | |
| | | Morphinan-6-ol, 7,8-didehydro-4,5-e | 000076-57-3 | 99 |
| | | Morphinan-6-ol, 7,8-didehydro-4,5-e | 000076-57-3 | 99 |
| | | Morphinan-6-ol, 7,8-didehydro-4,5-e | 000076-57-3 | 99 |



Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815078.D
Operator : KAC
Date Acquired : 27 Jan 2012 20:33
Sample Name : BLANK
Submitted by : DJR
Vial Number : 2
AcquisitionMeth: SCREEN.M
Integrator : RTE

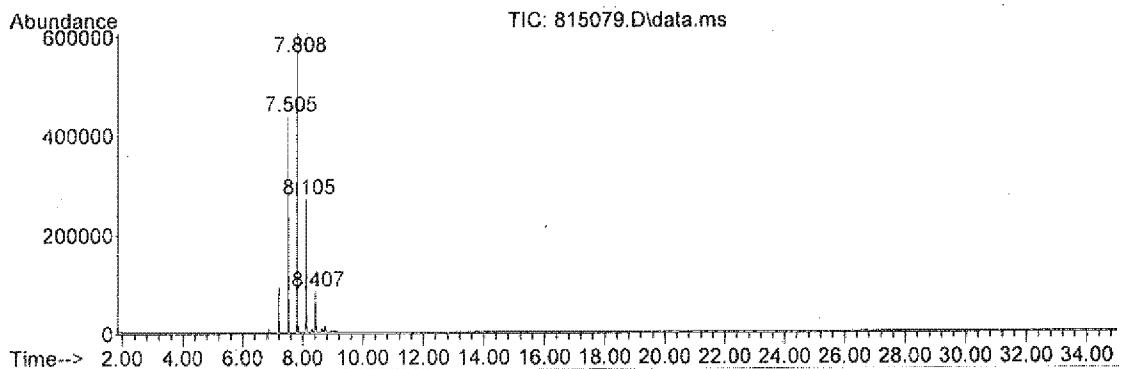


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815079.D
Operator : KAC
Date Acquired : 27 Jan 2012 21:12
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 79
AcquisitionMeth: SCREEN.M
Integrator : RTE



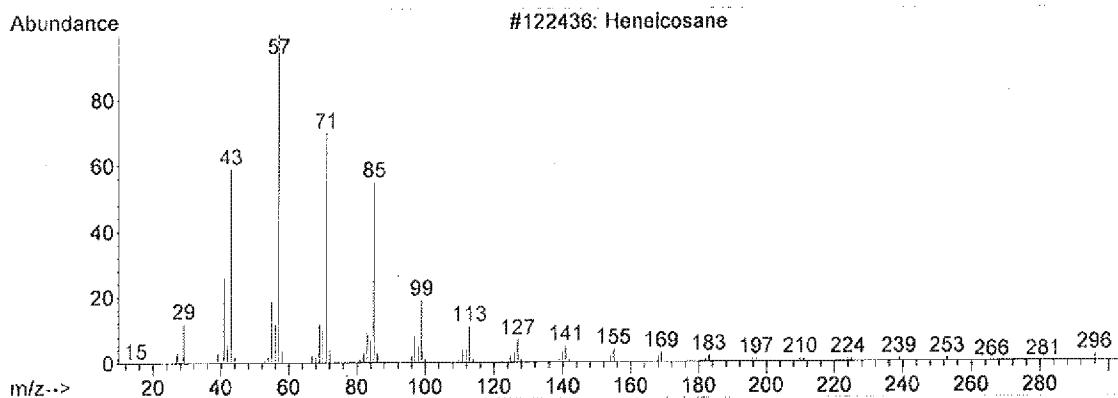
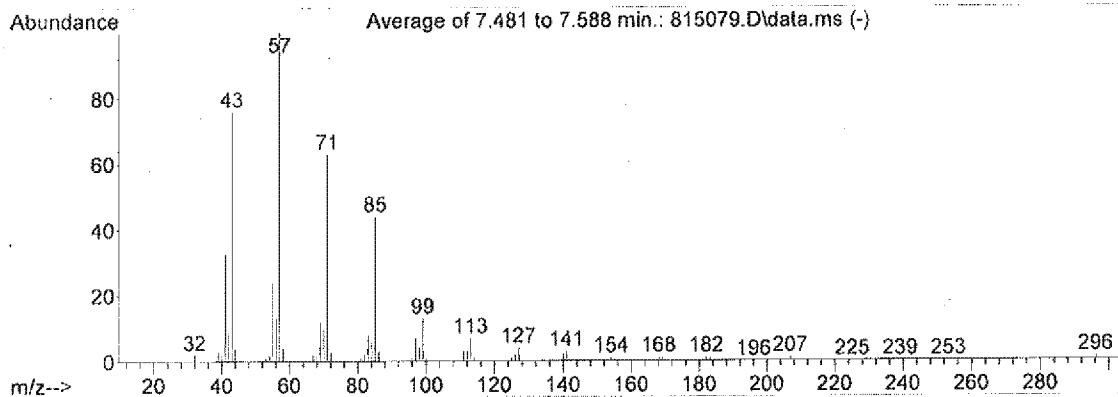
| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 7.505 | 378180 | 30.07 | 79.06 |
| 7.808 | 478369 | 38.03 | 100.00 |
| 8.105 | 281708 | 22.40 | 58.89 |
| 8.407 | 119474 | 9.50 | 24.98 |

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815079.D
Operator : KAC
Date Acquired : 27 Jan 2012 21:12
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 79
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------|-------------|------|
| 1 | 7.51 | C:\Database\NIST05a.L | | |
| | | Heneicosane | 000629-94-7 | 97 |
| | | Tridecane, 7-hexyl- | 007225-66-3 | 91 |
| | | Tetradecane | 000629-59-4 | 91 |

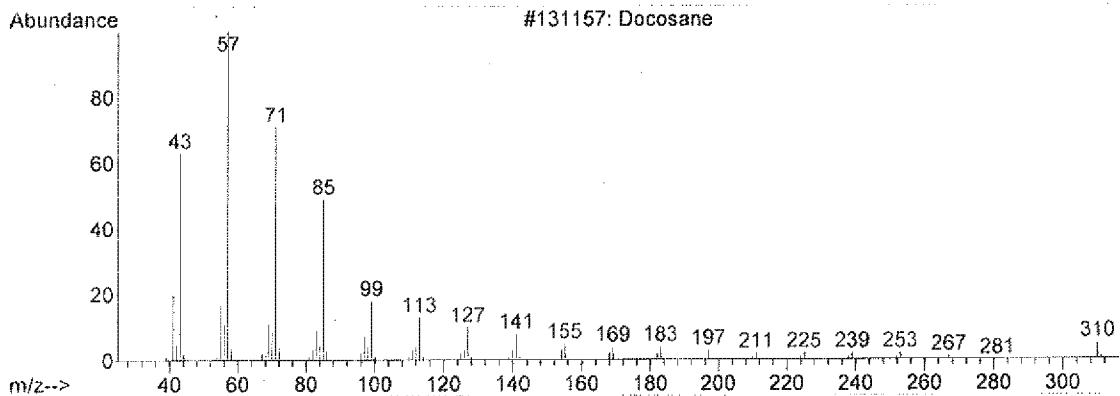
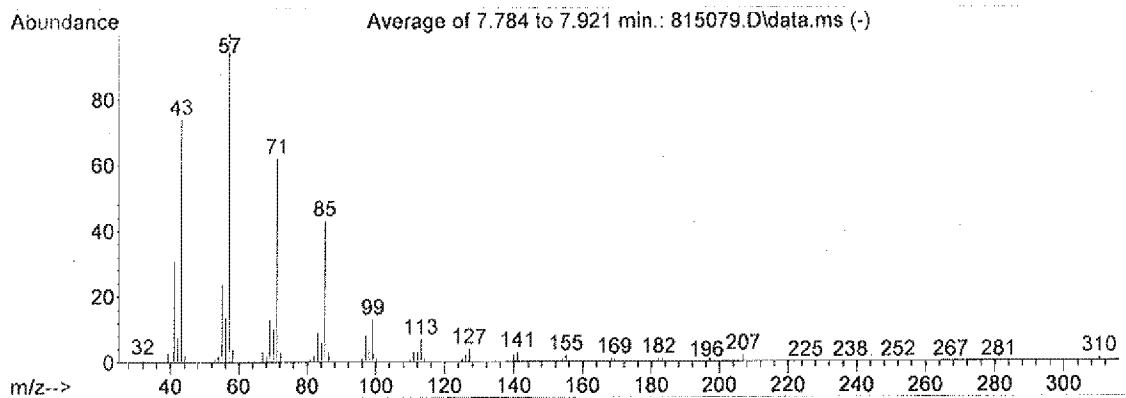


Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815079.D
Operator : KAC
Date Acquired : 27 Jan 2012 21:12
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 79
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------|-------------|------|
| 2 | 7.81 | C:\Database\NIST05a.L | | |
| | | Docosane | 000629-97-0 | 94 |
| | | Heptacosane | 000593-49-7 | 91 |
| | | Tridecane, 7-hexyl- | 007225-66-3 | 91 |

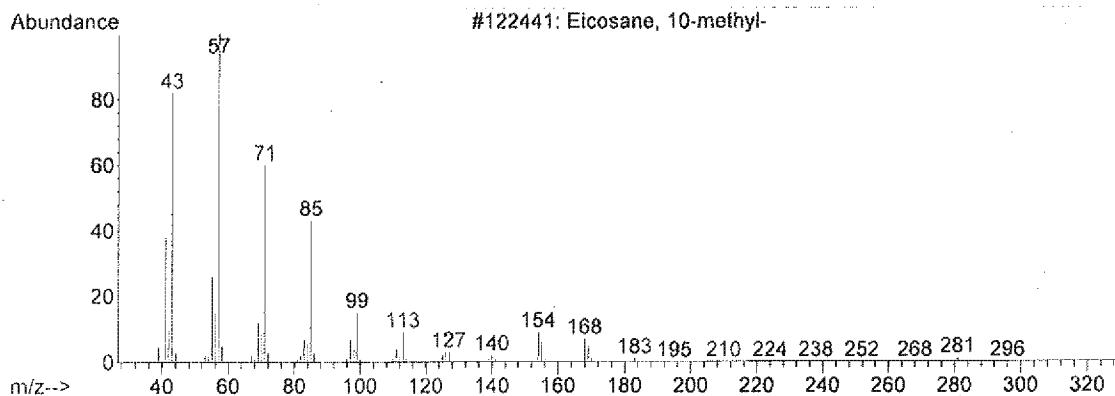
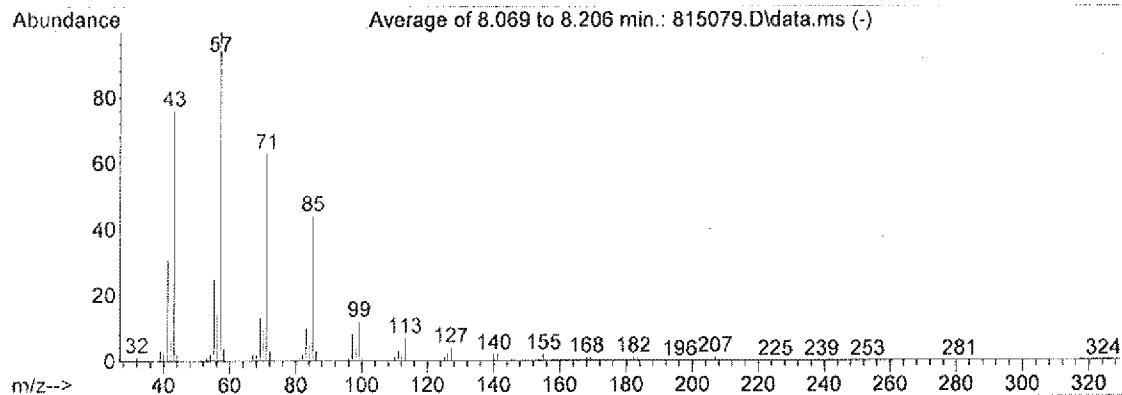


Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815079.D
Operator : KAC
Date Acquired : 27 Jan 2012 21:12
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 79
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 3 | 8.10 | C:\Database\NIST05a.L | | |
| | | Eicosane, 10-methyl- | 054833-23-7 | 91 |
| | | Dodecane, 2-methyl-6-propyl- | 055045-08-4 | 90 |
| | | Heneicosane | 000629-94-7 | 90 |

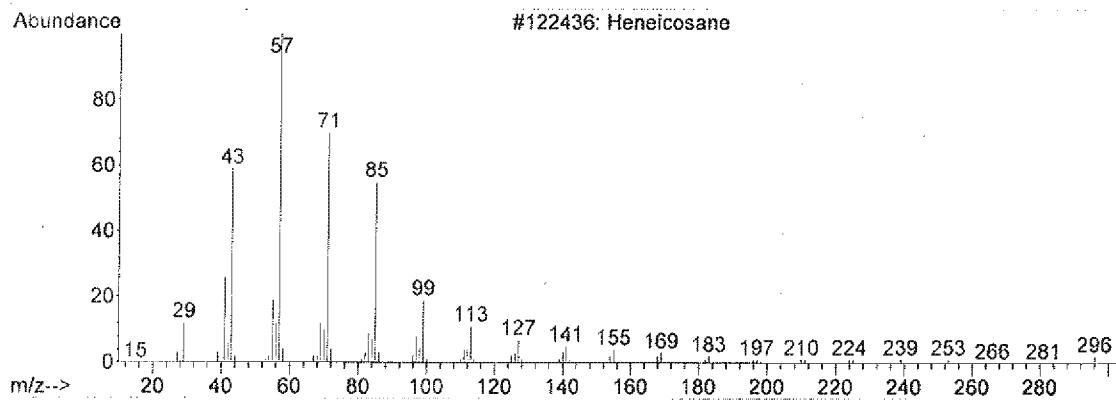
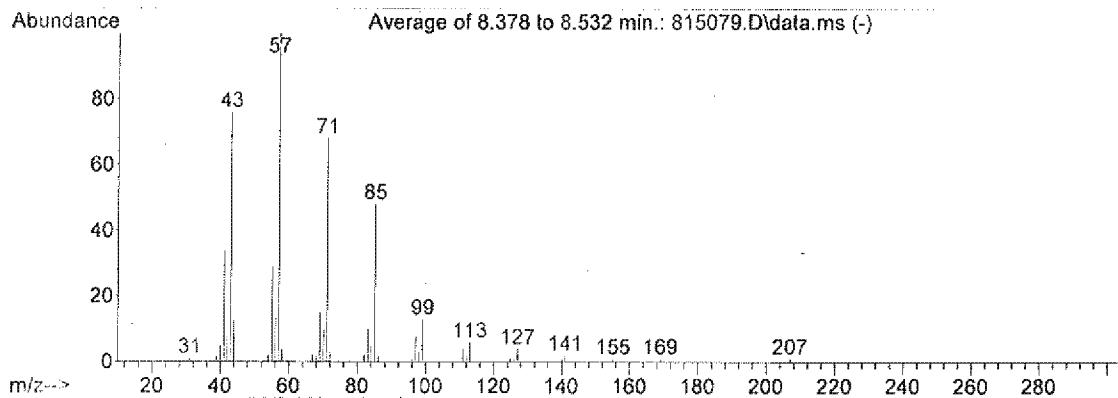


Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815079.D
Operator : KAC
Date Acquired : 27 Jan 2012 21:12
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 79
AcquisitionMeth: SCREEN.M
Integrator : RTE

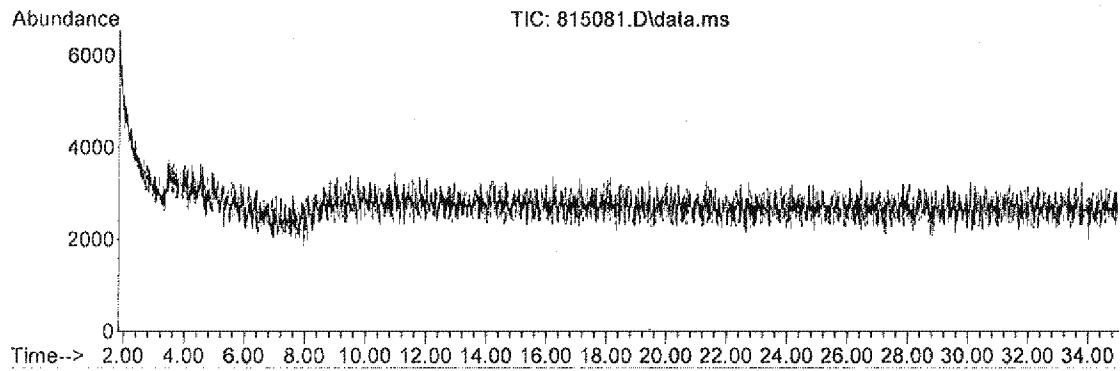
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------|-------------|------|
| 4 | 8.41 | C:\Database\NIST05a.L | | |
| | | Heneicosane | 000629-94-7 | 90 |
| | | Octacosane | 000630-02-4 | 86 |
| | | Eicosane, 10-methyl- | 054833-23-7 | 80 |



Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815081.D
Operator : KAC
Date Acquired : 27 Jan 2012 22:31
Sample Name : BLANK
Submitted by : DJR
Vial Number : 2
AcquisitionMeth: SCREEN.M
Integrator : RTE

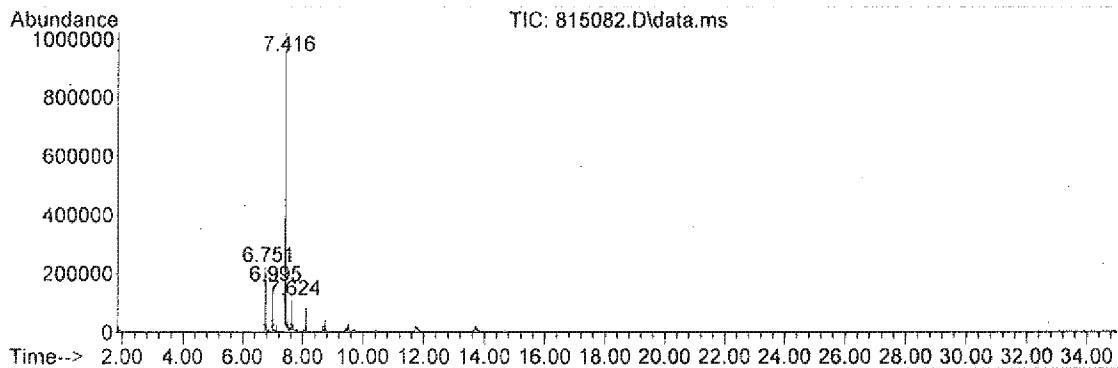


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815082.D
Operator : KAC
Date Acquired : 27 Jan 2012 23:10
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 82
AcquisitionMeth: SCREEN.M
Integrator : RTE



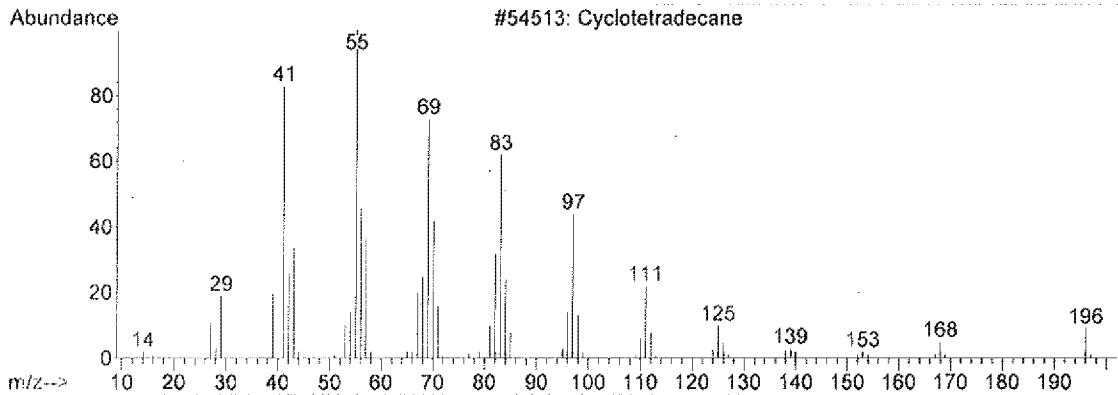
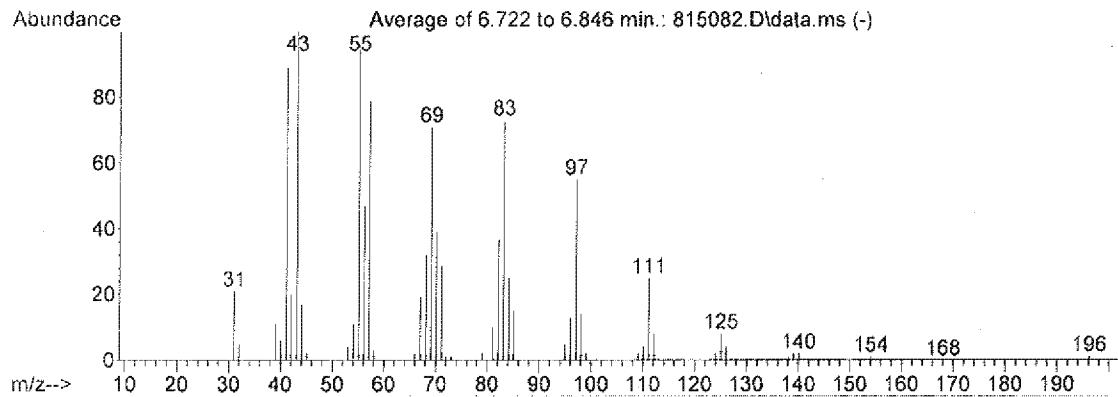
| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 6.751 | 206433 | 15.18 | 23.03 |
| 6.995 | 156705 | 11.52 | 17.48 |
| 7.416 | 896259 | 65.90 | 100.00 |
| 7.624 | 100696 | 7.40 | 11.24 |

Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815082.D
Operator : KAC
Date Acquired : 27 Jan 2012 23:10
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 82
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------|-------------|------|
| 1 | 6.75 | C:\Database\NIST05a.L | | |
| | | Cyclotetradecane | 000295-17-0 | 97 |
| | | 1-Heptadecanol | 001454-85-9 | 94 |
| | | 1-Hexadecanol | 036653-82-4 | 94 |

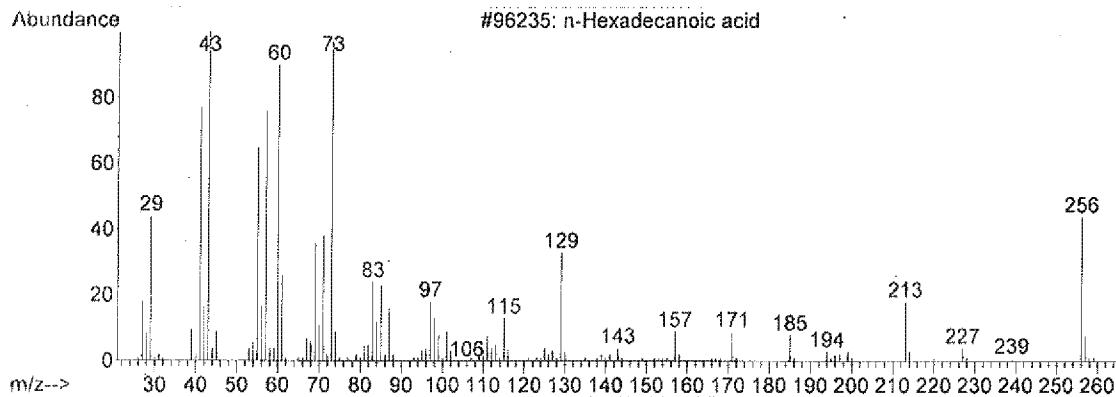
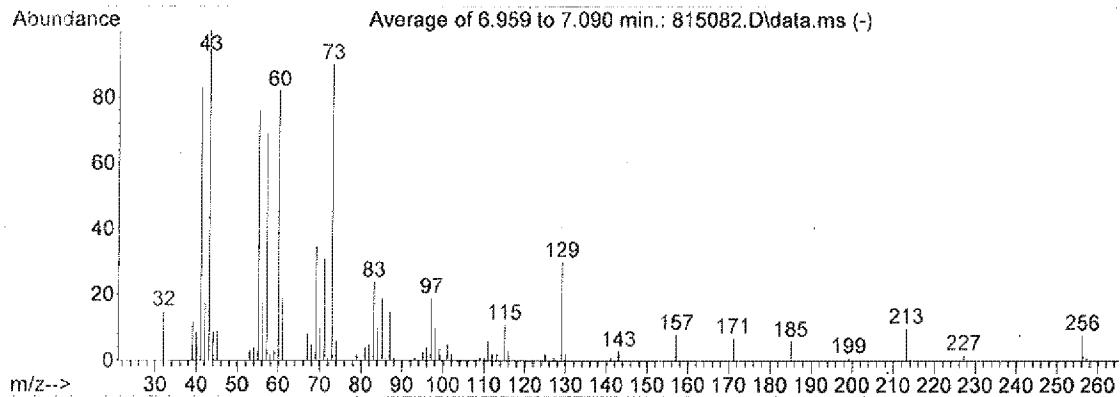


Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815082.D
Operator : KAC
Date Acquired : 27 Jan 2012 23:10
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 82
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------|-------------|------|
| 2 | 6.99 | C:\Database\NIST05a.L | | |
| | | n-Hexadecanoic acid | 000057-10-3 | 96 |
| | | n-Hexadecanoic acid | 000057-10-3 | 93 |
| | | Tetradecanoic acid | 000544-63-8 | 90 |

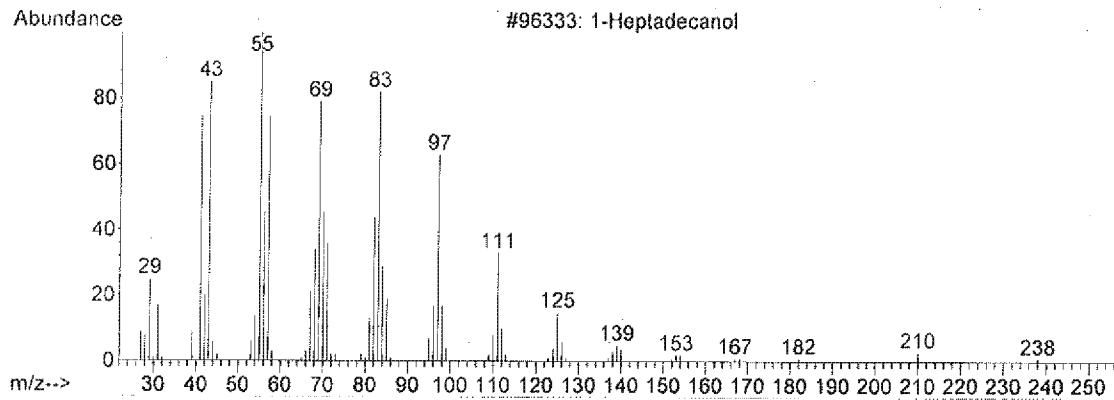
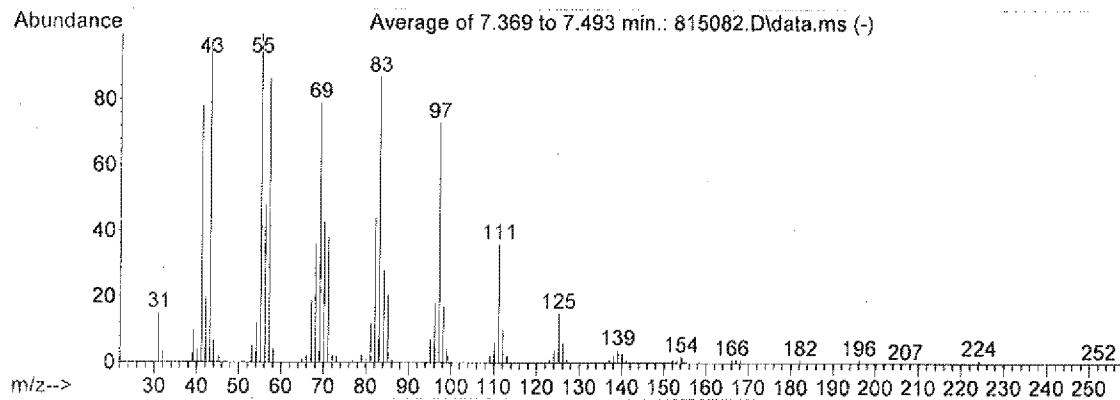


Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815082.D
Operator : KAC
Date Acquired : 27 Jan 2012 23:10
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 82
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------------|-------------|------|
| 3 | 7.42 | C:\Database\NIST05a.L | | |
| | | 1-Heptadecanol | 001454-85-9 | 95 |
| | | Bromoacetic acid, pentadecyl ester | 131143-01-6 | 95 |
| | | 1-Hexadecanol | 036653-82-4 | 94 |



Information from Data File:

File Name : C:\msdchem\1\System7\01_26_12\815082.D
Operator : KAC
Date Acquired : 27 Jan 2012 23:10
Sample Name : XXXXXXXXXX
Submitted by : DJR
Vial Number : 82
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------|-------------|------|
| 4 | 7.62 | C:\Database\NIST05a.L | | |
| | | Octadecanoic acid | 000057-11-4 | 99 |
| | | Octadecanoic acid | 000057-11-4 | 98 |
| | | Octadecanoic acid | 000057-11-4 | 94 |

